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Datasheet for ABIN3030984
anti-FOXA2 antibody (AA 134-163)

3 Images

Overview

Quantity:	0.4 mL
Target:	FOXA2
Binding Specificity:	AA 134-163
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 134-163 from the human protein was used as the immunogen for this FOXA2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Zebrafish, Xenopus
Purification:	Antigen affinity purified

Target Details

Target:	FOXA2
Alternative Name:	FOXA2 (FOXA2 Products)
Background:	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte

Target Details

nuclear factors are transcriptional activators for liver-specific genes such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene.

UniProt: [Q9Y261](#)

Pathways: [Dopaminergic Neurogenesis](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Titration of the FOXA2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

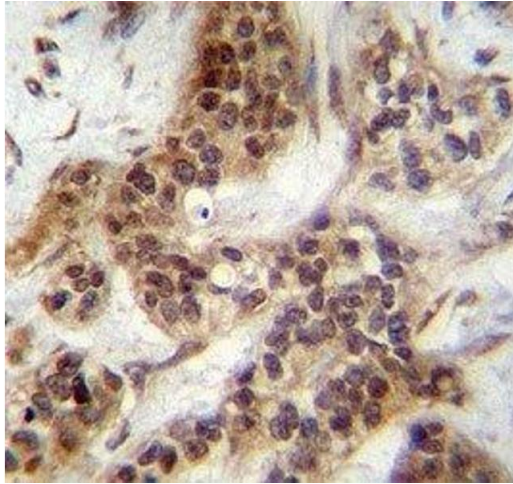
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

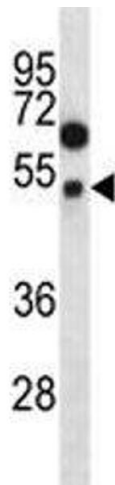
Storage: -20 °C

Storage Comment: Aliquot the FOXA2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



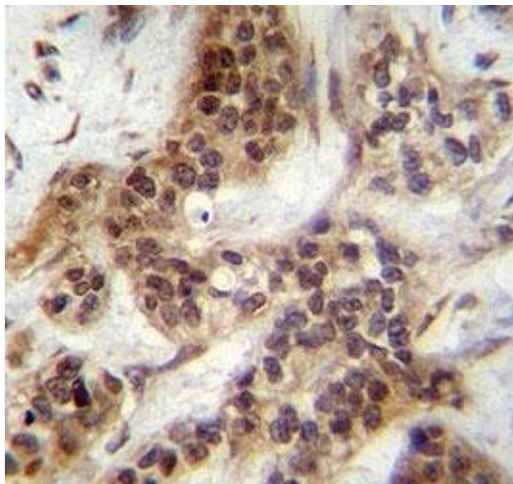
Immunohistochemistry

Image 1. FOXA2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma.



Western Blotting

Image 2. FOXA2 antibody western blot analysis in HL-60 lysate. Predicted molecular weight: 50 kDa.



Immunohistochemistry

Image 3. FOXA2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma.